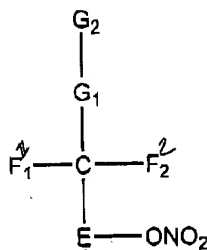


(Ic)



in which E is $(R^1R^2C)_m$ and $G_2-G_1-CF_1F_2$ is $R^{19}-(R^3R^4C)_p-(R^{17}R^{18}C)_n-$;

wherein: m, n, p are integers from 0 to 10;

$R^{3,17}$ are each independently hydrogen, a nitrate group, or A; and

$R^{1,4}$ are each independently hydrogen, or A;

where A is selected from a substituted or unsubstituted aliphatic group (comprising a branched or straight-chain aliphatic moiety having from 1 to 24 carbon atoms in the chain, which optionally may contain O, S, NR^6 and unsaturations in the chain, optionally bearing from 1 to 4 hydroxy, nitrate, amino, aryl, or heterocyclic groups; an unsubstituted or substituted cyclic aliphatic moiety having from 3 to 7 carbon atoms in the aliphatic ring, which optionally may contain O, S, NR^6 and unsaturations in the ring, optionally bearing from 1 to 4 hydroxy, nitrate, amino, aryl, or heterocyclic groups; an unsubstituted or substituted aliphatic moiety constituting a linkage of from 0 to 5 carbons, between R^1 and R^3 and/or between R^{17} and R^4 , which optionally may contain O, S, NR^6 and unsaturations in the linkage, and optionally bearing from 1 to 4 hydroxy, nitrate, amino, aryl, or heterocyclic groups); a substituted or unsubstituted aliphatic group (comprising a branched, cyclic or straight-chain aliphatic moiety having from 1 to 24 carbon atoms in the chain) containing carbonyl linkages ($C=O$, $C=S$, $C=NOH$), which optionally may contain O, S, NR^6 and unsaturations in the chain, optionally bearing from 1 to 4 hydroxy, nitrate, amino, aryl, or heterocyclic groups; a substituted or unsubstituted aryl group; a heterocyclic group; an amino group selected from alkylamino, dialkylamino, cyclic amino, diamino and triamino moieties, arylamino, diarylamino, and alkylarylamino; hydroxy; alkoxy; a substituted or unsubstituted aryloxy;

wherein X is F, Br, Cl, NO_2 , CH_2 , CF_2 , O, NH, NMe, CN, NHOH, N_2H_3 , $N_2H_2R^{13}$, $N_2HR^{13}R^{14}$, N_3 , S, SCN, $SCN_2H_2(R^{15})_2$, $SCN_2H_3(R^{15})$, $SC(O)N(R^{15})_2$, $SC(O)NHR^{15}$, SO_2M , SH, SR^7 , SO_2M , $S(O)R^8$, $S(O)_2R^9$, $S(O)OR^8$, $S(O)_2OR^9$, PO_2HM , PO_3HM , PO_3M_2 , $P(O)(OR^{15})(OR^{16})$, $P(O)(OR^{16})(OM)$, $P(O)(R^{15})(OR^8)$, $P(O)(OM)R^{15}$, CO_2M , CO_2H , CO_2R^{11} , $C(O)$, $C(O)R^{12}$, $C(O)(OR^{13})$, PO_2H , PO_2M , $P(O)(OR^{14})$, $P(O)(R^{13})$, SO, SO_2 , $C(O)(SR^{13})$, SR^5 , SSR^7 or SSR^5 ;

Y is F, Br, Cl, CH_3 , CF_2H , CF_3 , OH, NH_2 , NHR^6 , NR^6R^7 , CN, NHOH, N_2H_3 , $N_2H_2R^{13}$, $N_2HR^{13}R^{14}$, N_3 , S, SCN, $SCN_2H_2(R^{15})_2$, $SCN_2H_3(R^{15})$, $SC(O)N(R^{15})_2$, $SC(O)NHR^{15}$, SO_3M , SH,

SR⁷, SO₂M, S(O)R⁸, S(O)₂R⁹, S(O)OR⁸, S(O)₂OR⁹, PO₂HM, PO₃M₂, P(O)(OR¹⁵)(OR¹⁶),
 P(O)(OR¹⁶)(OM), P(O)(R¹⁵)(OR⁸), P(O)(OM)R¹⁵, CO₂M, CO₂H, CO₂R¹¹, C(O)R¹², C(O)(OR¹³),
 C(O)(SR¹³), SR⁵, SSR⁷ or SSR⁵, or does not exist;

R², R⁵, R¹⁸, R¹⁹ are optionally hydrogen, A or X-Y;

R⁶, R⁷, R⁸, R⁹, R¹¹, R¹², R¹³, R¹⁴, R¹⁵, R¹⁶ are the same or different alkyl or acyl groups
 containing 1-24 carbon atoms which may contain 1-4 ONO₂ substituents; or C₁ - C₆ connections to
 R¹ - R⁴ in cyclic derivatives which may contain 1-4 ONO₂ substituents; or are each independently
 hydrogen, a nitrate group or A;

M is H, Na⁺, K⁺, NH₄⁺, N⁺H_kR¹¹_(4-k) where k is 0-3; or other pharmaceutically acceptable
 counterion;

and with the proviso that when m = n = p = 1 and R¹⁹, R², R¹⁸, R¹ = I-I and R¹⁷, R³ are
 nitrate groups, R⁴ is not H.

19. The method of claim 18, wherein:

X is CH₂, O, NH, NMe, CN, NHOH, N₂H₃, N₂H₂R¹³, N₂HR¹³R¹⁴, N₃, S, SCN,
 SCN₂H₂(R¹⁵)₂, SCN₂H₃(R¹⁵), SC(O)N(R¹⁵)₂, SC(O)NHR¹⁵, SO₃M, SH, SR⁷, SO₂M, S(O)R⁸,
 S(O)₂R⁹, S(O)OR⁸, S(O)₂OR⁹, PO₃HM, PO₃M₂, P(O)(OR¹⁵)(OR¹⁶), P(O)(OR¹⁶)(OM),
 P(O)(R¹⁵)(OR⁸), P(O)(OM)R¹⁵, CO₂M, CO₂H, CO₂R¹¹, C(O), C(O)R¹², C(O)(OR¹³), PO₂M,
 P(O)(OR¹⁴), P(O)(R¹³), SO, SO₂, C(O)(SR¹³), or SSR⁵; and

Y is CN, N₂H₂R¹³, N₂HR¹³R¹⁴, N₃, SCN, SCN₂H₂(R¹⁵)₂, SC(O)N(R¹⁵)₂, SC(O)NHR¹⁵,
 SO₃M, SR⁴, SO₂M, PO₃HM, PO₃M₂, P(O)(OR¹⁵)(OR¹⁶), P(O)(OR¹⁶)(OM), P(O)(R¹⁵)(OR⁸),
 P(O)(OM)R¹⁵, CO₂M, CO₂H, CO₂R¹¹, C(O)R¹², C(O)(SR¹³), SR⁵, or SSR⁵, or does not exist.

20. The method of claim 18, wherein:

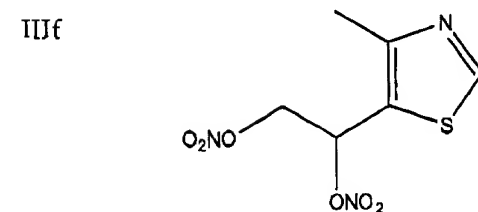
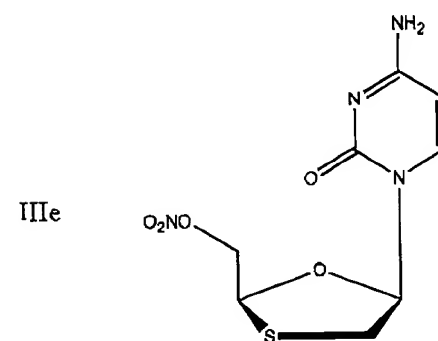
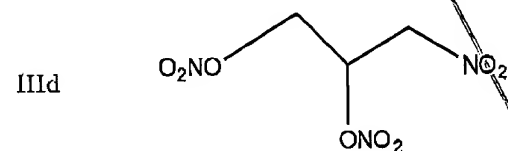
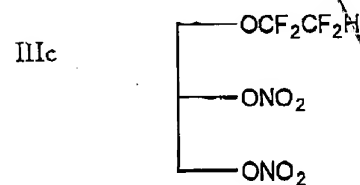
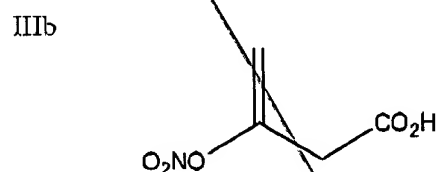
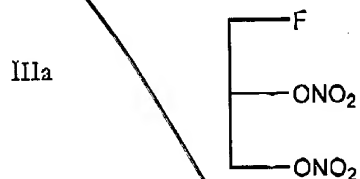
R⁵, R⁶, R⁸, R⁹, R¹², R¹³, R¹⁴, R¹⁵, R¹⁶ are the same or different and are alkyls containing 1-12
 carbon atoms; or C₁ or C₂ connections to R¹ or R³ in cyclic derivatives;

X is CH₂, O, NH, NMe, S, SO₃M, SH, SR⁷, SO₂M, S(O)R⁸, S(O)₂R⁹, S(O)OR⁸, S(O)₂OR⁹,
 PO₃M₂, P(O)(OR¹⁵)(OR¹⁶), P(O)(OR¹⁶)(OM), P(O)(R¹⁵)(OR⁸), PO₃HM or P(O)(OM)R¹⁵; and

Y is SO₂M, SO₃M, PO₃HM, PO₃M₂, P(O)(OR¹⁵)(OR¹⁶), P(O)(OR¹⁶)(OM), SR⁵, SR⁷ or
 SSR⁵, or does not exist.

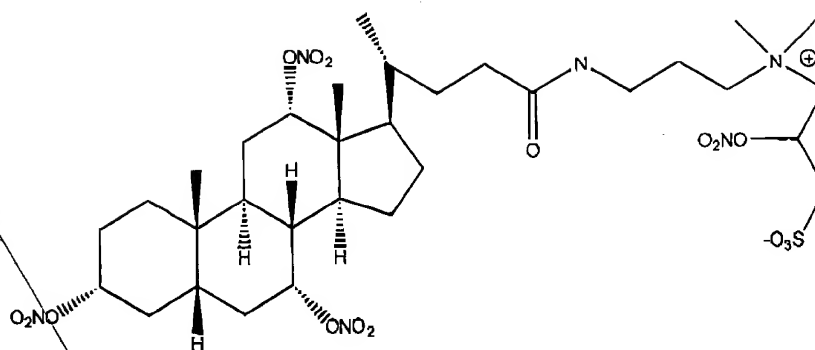
Please enter the following new claims (claims 33 to 40):

R3
33. A method of providing sedation or mitigating anxiety in a subject in need thereof, comprising administering to a subject an effective amount of a therapeutic compound selected from the group consisting of:

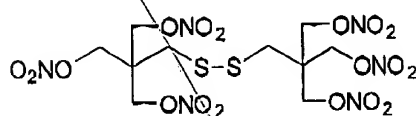


Sub
C24
ant.B³
com.

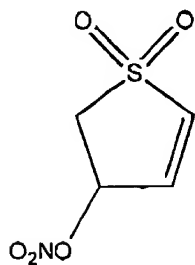
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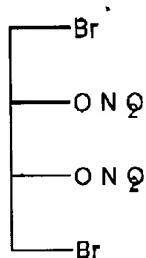
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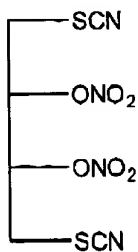
IIIi



IIIj

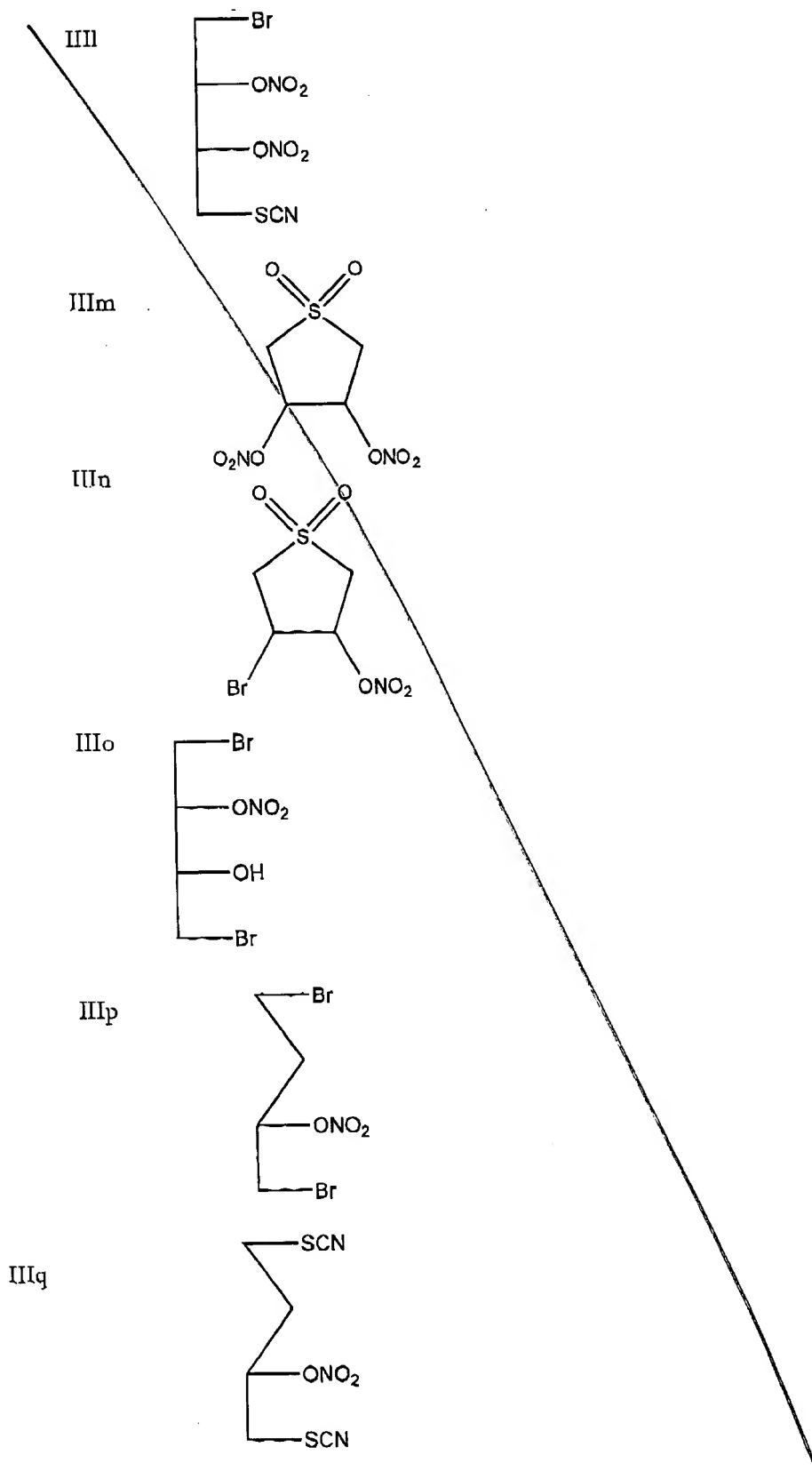


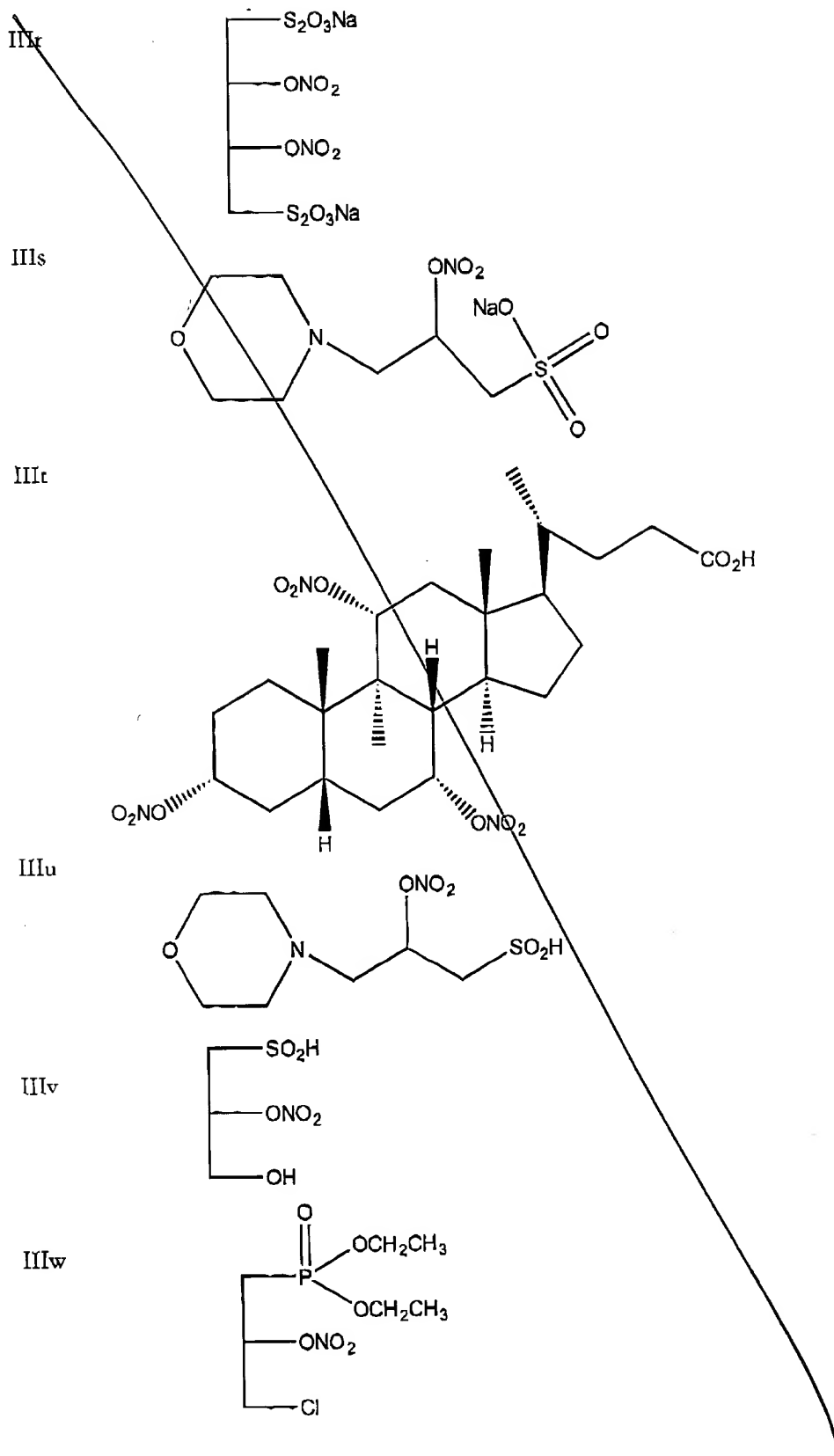
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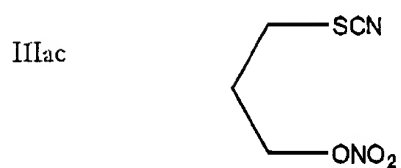
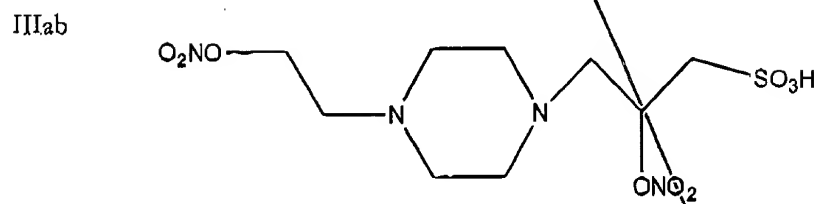
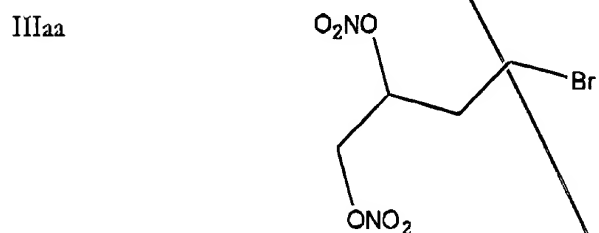
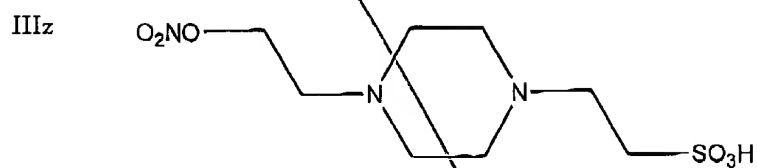
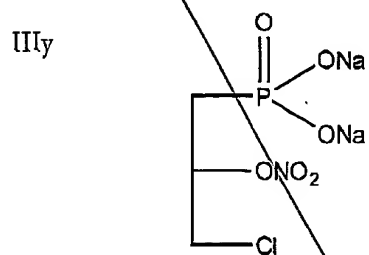
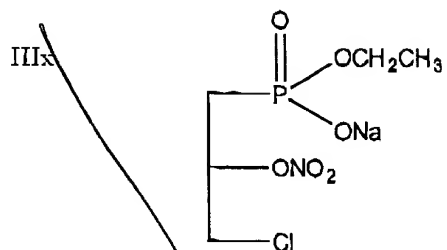


Sub
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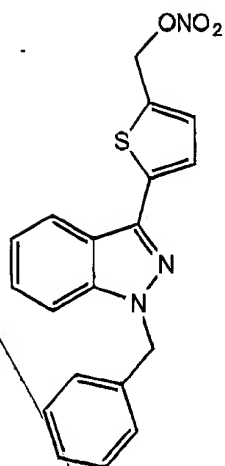
R³
cont.



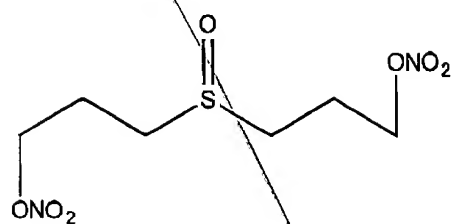
Sub
C24
cont.B3
cont.

Sub
C24
cont.B³
cont.

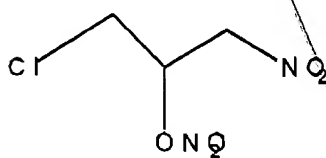
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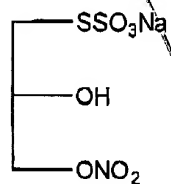
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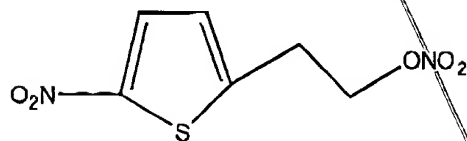
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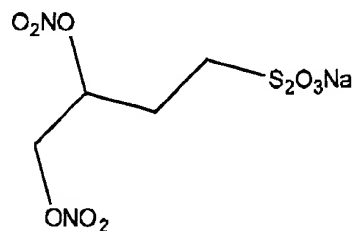
IIIag



IIIah

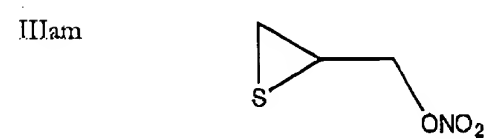
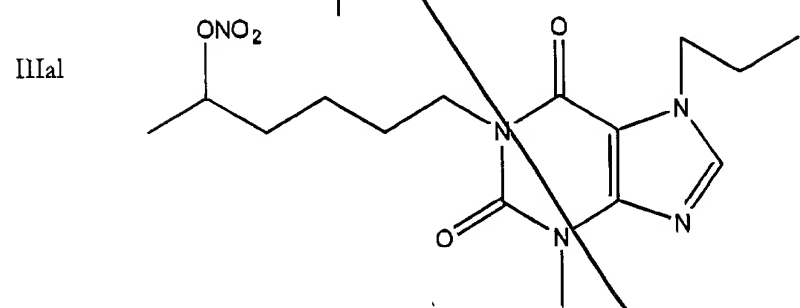
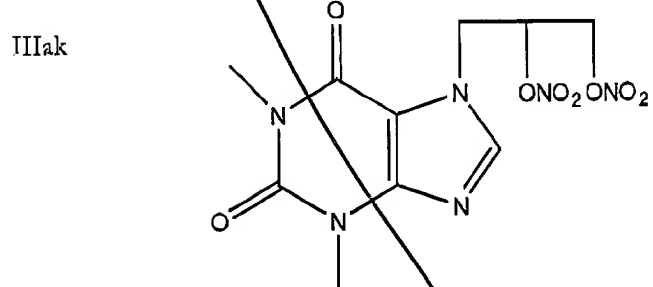
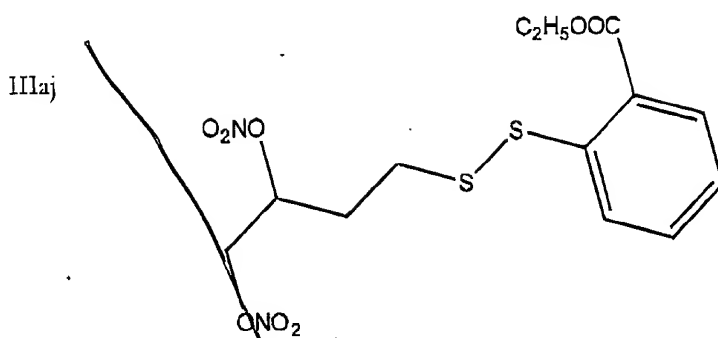


IIIai

Sub
C24
cont.B³
cont.

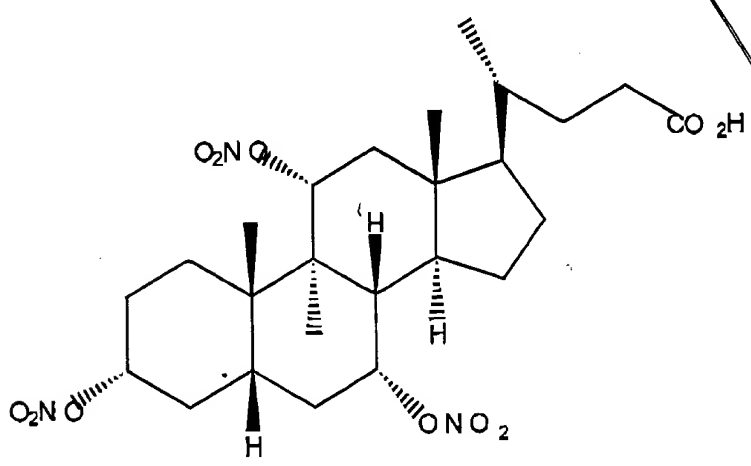
Sub
C 24
cont.

B³
Cont.

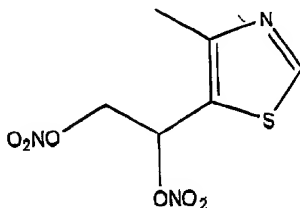


, and

34. The method of claim 33, wherein the compound has the formula III:

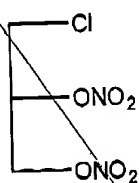


35. The method of claim 33, wherein the compound has the formula IIIf:

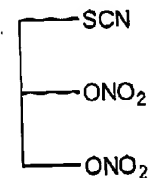


36. A method of providing sedation or mitigating anxiety in a subject in need thereof, comprising administering to a subject an effective amount of a therapeutic compound selected from the group consisting of:

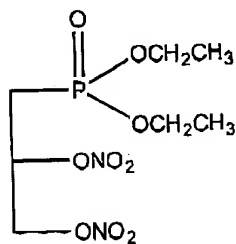
IVa



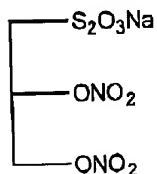
IVb



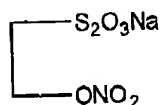
IVc



IVd



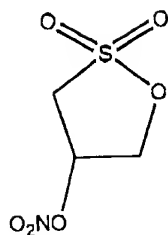
IVe



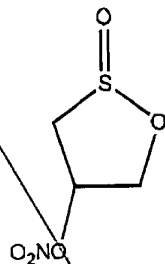
Sub
C25
cont.

B³
cont.

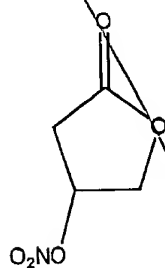
IVf



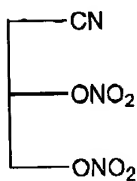
IVg



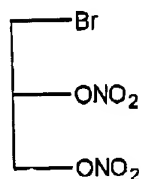
IVh



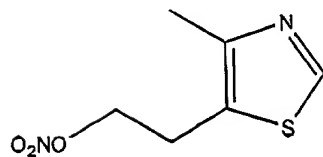
IVi

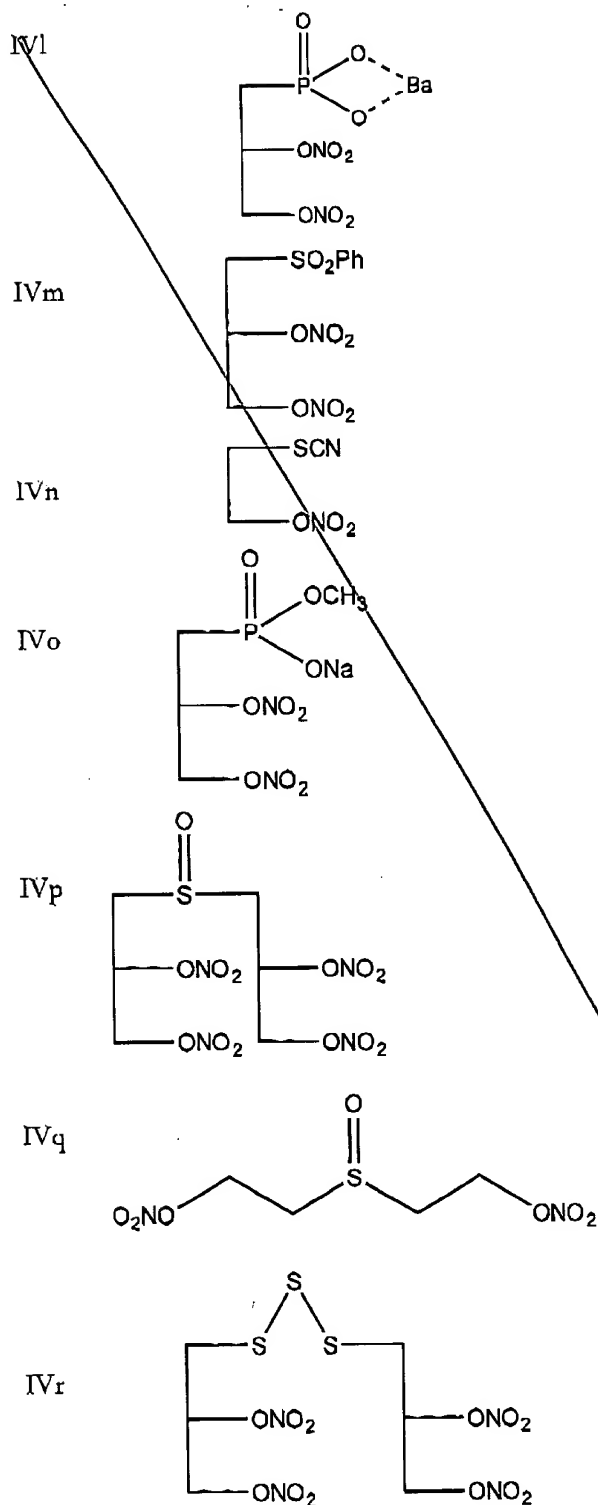


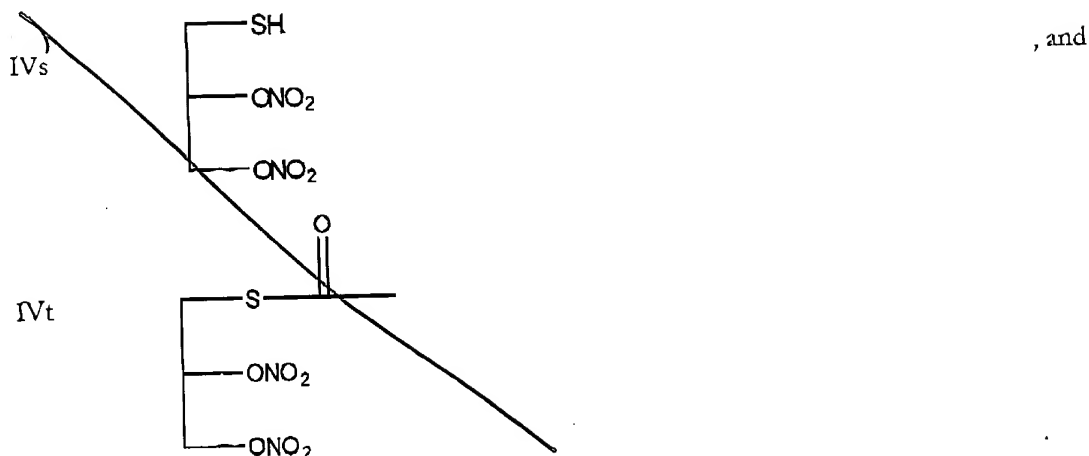
IVj



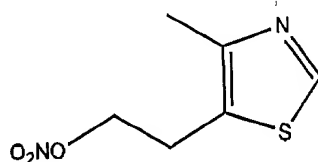
IVk



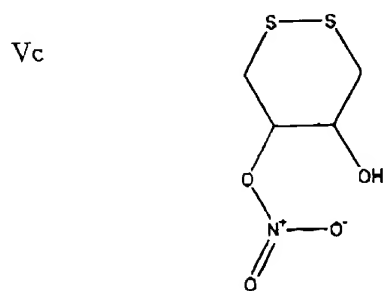
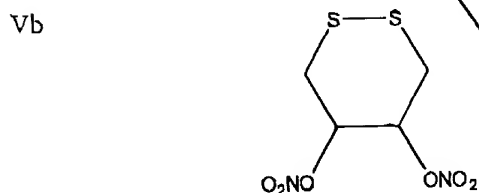
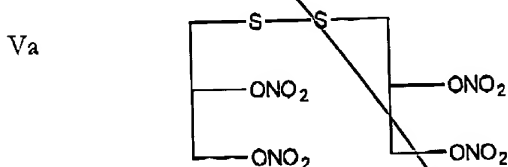




37. A method of providing sedation in a subject in need thereof, comprising administering to a subject an effective amount of a therapeutic compound having the formula IVk:

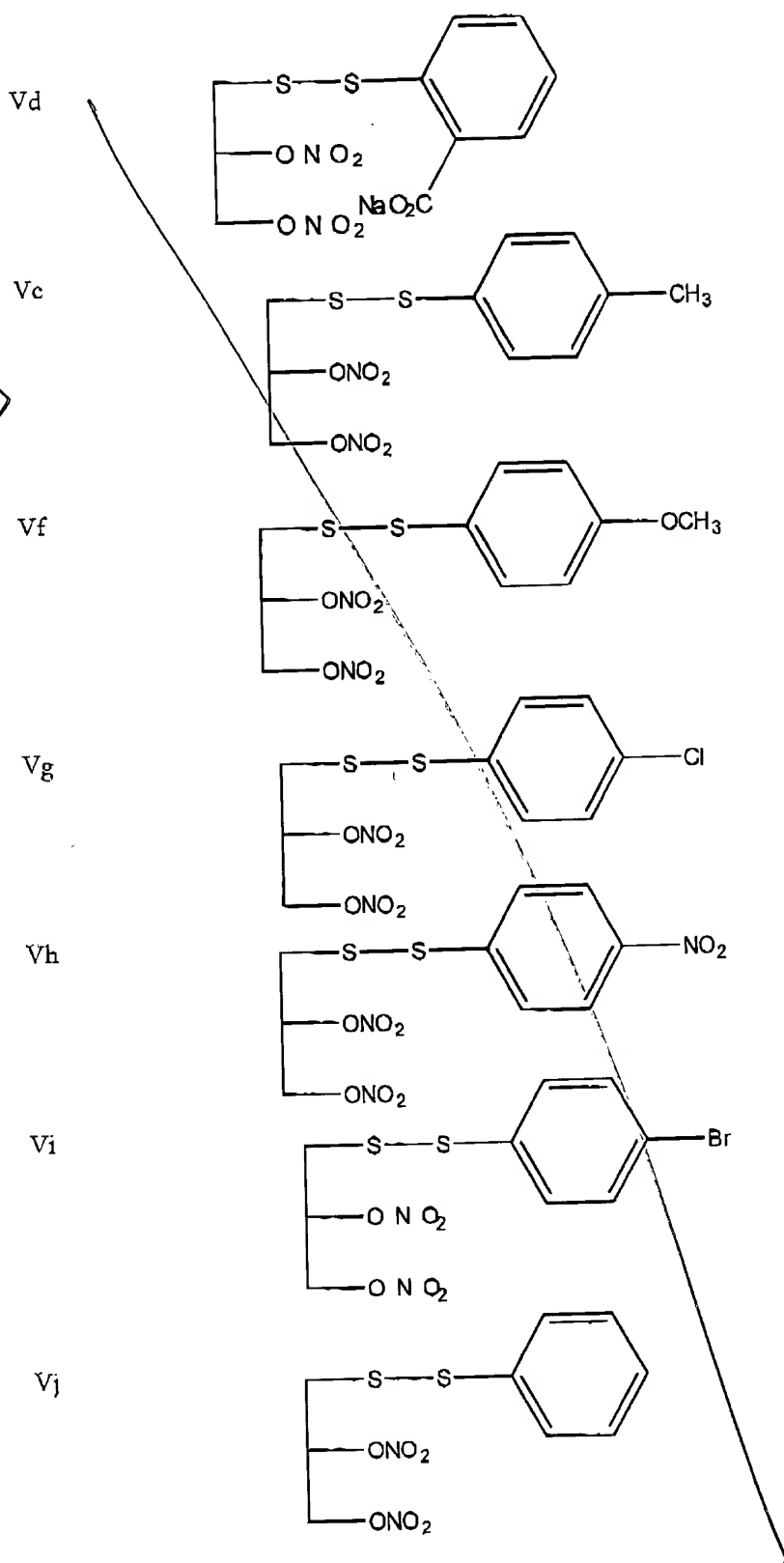


38. A method of mitigating anxiety in a subject in need thereof, comprising administering to a subject an effective amount of a therapeutic compound selected from the group consisting of:



Sub
C28
cont.

B³
cont.

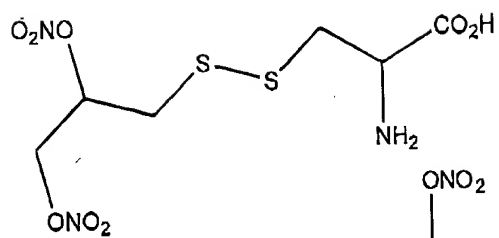


Sub
C26
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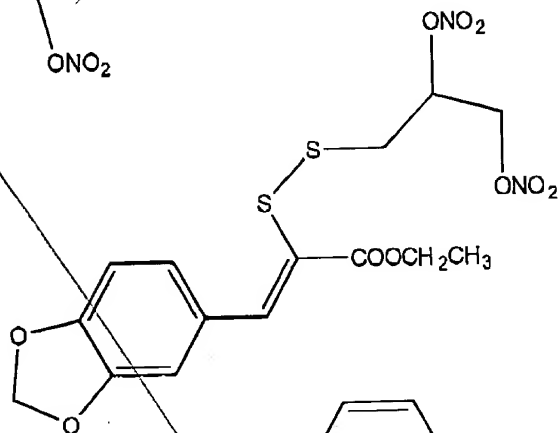
B³
cont.

→

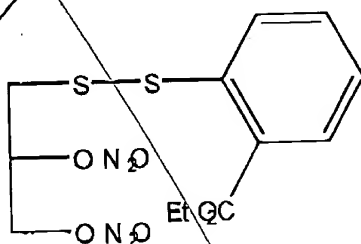
Vk



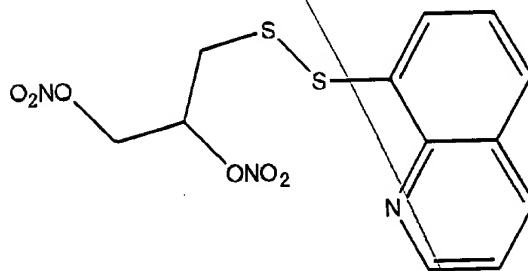
VI



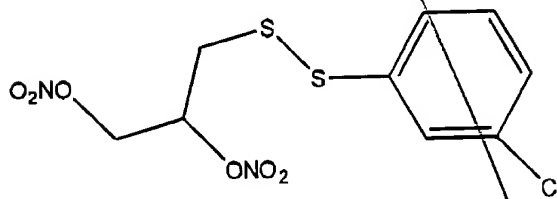
Vm



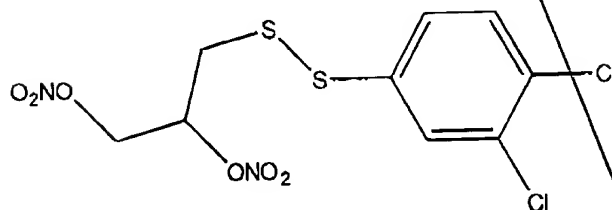
Vn



Vo

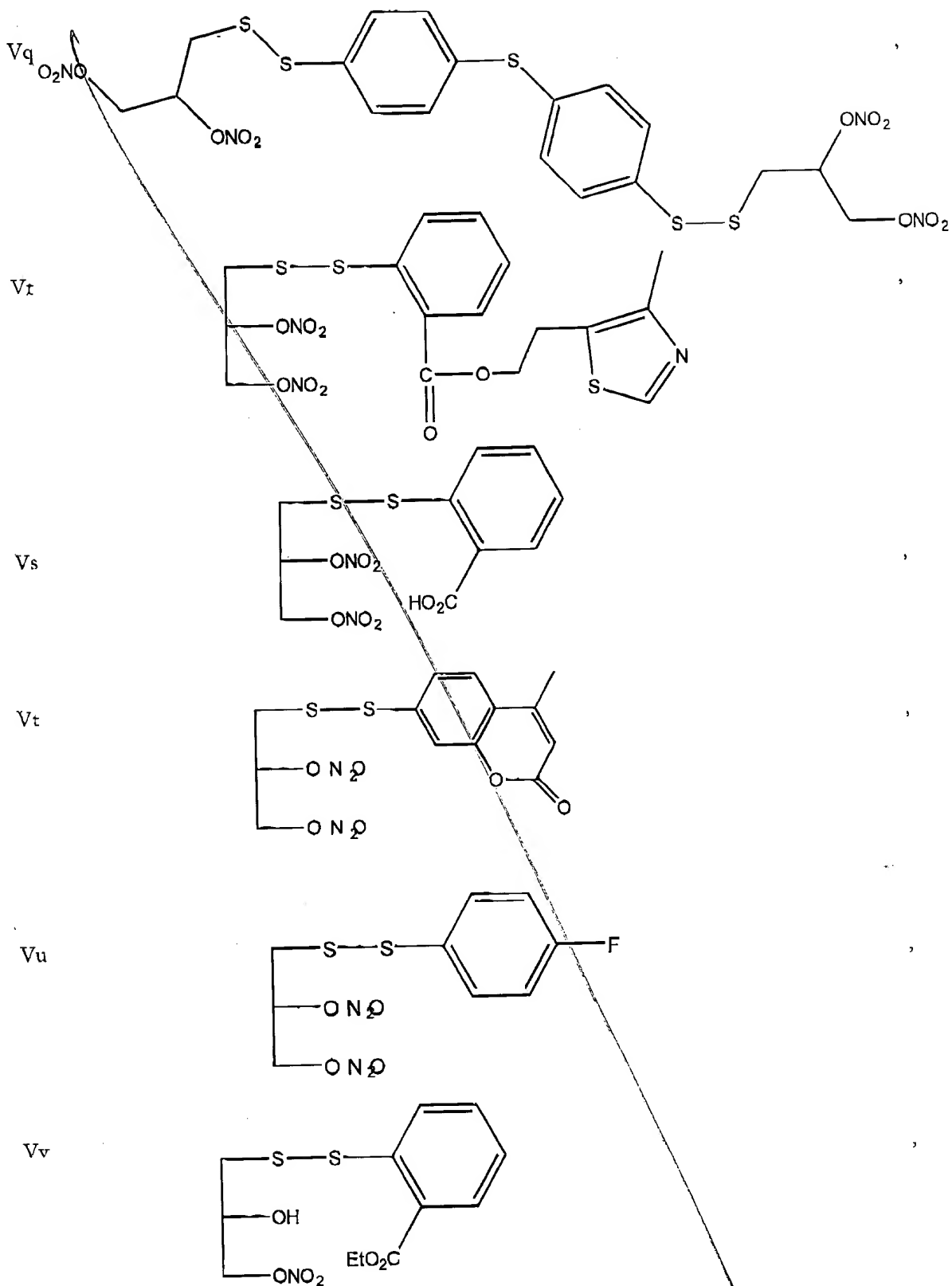


Vp



Sub
C26
cont.

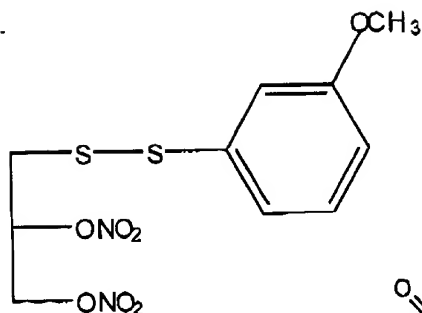
B³
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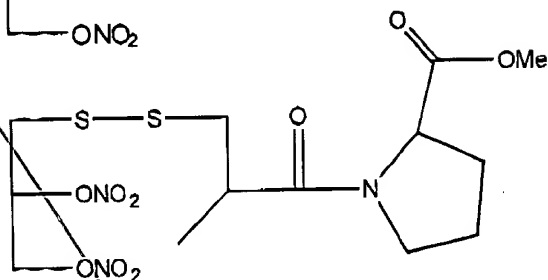
Sub
C26
cont.

B³
cont.

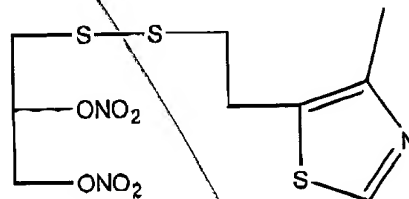
Vw



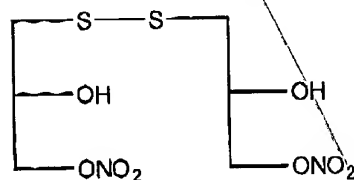
Vx



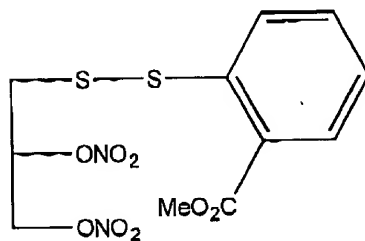
Vy



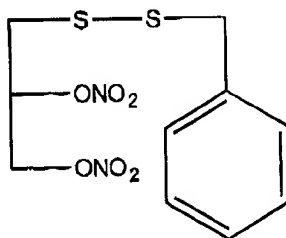
Vz



Vaa

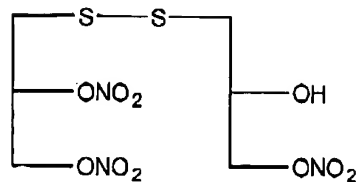


Vab

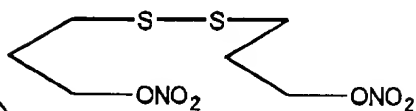


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C26
Cont.

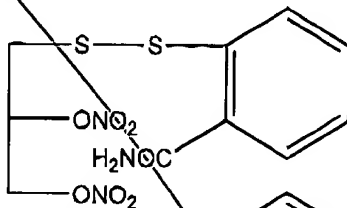
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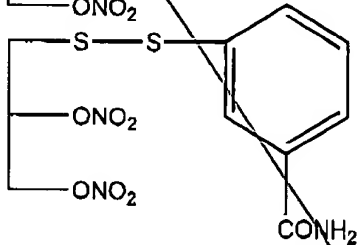
Vad



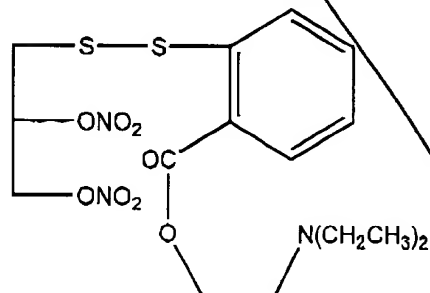
Vae



Vaf



Vag



, and

39. The method of claim 38, wherein the therapeutic compound has the formula Va:

